

CLAIMS

Amend the claims as follows.

1. (Currently amended) A method for dynamic configuration of a mobile access point comprising:

determining a position of said mobile access point, said mobile access point operable to provide a point of connection for wireless communications between a distributed computer network and a wireless client device;

identifying a region based on said position;

comparing said region with a previous position of said mobile access point to determine if said mobile access point has been moved to said region;

automatically updating configuration information associated with an application of said mobile access point based on said region, wherein said configuration information enables transmission of a wireless communication from said wireless client device to said mobile access point within said region, and wherein said configuration information is different than a previous configuration associated with said previous position; and

~~transmitting routing data packets comprising~~ said wireless communication, ~~wherein said mobile access point routes said data packets between from said wireless client device mobile access point to~~ and said distributed computer network.

2. (Currently amended) The method as recited in Claim 1 wherein said mobile access point comprises a router ~~configured to route a data packet from said wireless client device to a remote client device.~~

3. (Original) The method as recited in Claim 1 wherein said mobile access point communicates by a wireless connection to a distributed computer network in said region using Mobile Internet protocol (IP).

4. (Currently amended) The method as recited in Claim 1 wherein said mobile access point is configured to use an Open Systems Interconnection (OSI) network layer to route said data packets. application operates at a physical layer of a protocol stack of said mobile access point;

5. (Original) The method as recited in Claim 4 wherein said application is a transceiver providing communication over said wireless connection.

6. (Previously Presented) The method as recited in Claim 5 wherein said configuration information comprises a radio frequency, a maximum conducted power output, or a maximum antenna gain.

7. (Original) The method as recited in Claim 1 wherein said determining said position is performed periodically according to a predetermined time period.

8. (Original) The method as recited in Claim 1 wherein said position determination system is a global positioning system (GPS) system.

9. (Original) The method as recited in Claim 1 wherein said application operates at an application layer of a protocol stack of said mobile access point.

10. (Previously Presented) The method as recited in Claim 1 wherein said configuration information comprises transmission configuration data and a selected user interface language, wherein said transmission configuration data and said selected user interface language are separately configurable for said region.

11. (Currently amended) A mobile access point comprising:
a processor for updating configuration information in response to a geographic position wherein said configuration information includes an updated radio frequency for transmitting wireless communications between a distributed computer network and a wireless client device for said mobile access point within a region;

a transceiver coupled to said processor, said transceiver associated with said configuration information and communicatively coupled to a distributed computer network over a wireless connection, said mobile access point operable to provide a point of connection for wireless communications between said distributed computer network and said wireless client device over said wireless connection, wherein said mobile access point is further operable to provide routing capability for routing data packets from said wireless client device to said distributed network;

a memory unit coupled to said processor, said memory unit comprising said configuration information associated with said transceiver for a plurality of regions; and

a position determination system coupled to said processor, said position determination system for identifying said geographic position of said mobile access point.

12. (Currently amended) The mobile access point as recited in Claim 11 wherein said mobile access point comprises a router configured to route said data packets using an Open Systems Interconnection (OSI) network layer is operable to provide routing capability for routing data packets from said wireless client device to said distributed network.

13. (Original) The mobile access point as recited in Claim 11 wherein said mobile access point is communicatively coupled to said distributed computer network using Mobile Internet protocol (IP).

14. (Previously Presented) The mobile access point as recited in Claim 11 wherein said configuration information further comprises a maximum conducted power output, or a maximum antenna gain.

15. (Original) The mobile access point as recited in Claim 11 wherein said position determination system is operable to identify said geographic position periodically according to a predetermined time period.

16. (Original) The mobile access point as recited in Claim 11 wherein said memory unit further comprises second configuration information of an application for a second plurality of regions.

17. (Original) The mobile access point as recited in Claim 16 wherein said processor is operable to update said second configuration information in response to said geographic position.

18. (Previously Presented) The mobile access point as recited in Claim 11 wherein said processor is configured to compare said region with a previous position of said mobile access point to determine if said mobile access point has been moved to said region.

19. (Previously Presented) The mobile access point as recited in Claim 18 wherein said configuration information is different than a previous configuration associated with said previous position.

20. (Previously Presented) The mobile access point as recited in Claim 11 wherein said configuration information comprises transmission configuration data and a selected user interface language, wherein said transmission configuration data and said selected user interface language are separately configurable for said region.

21. (Currently amended) A computer-readable medium having computer-readable program code embodied therein for causing a computer system to perform a method of dynamic configuration of a mobile access point, said mobile access point operable to provide a point of connection for wireless communications between a distributed computer network and a wireless client device, said method comprising:

determining a position of said mobile access point;

comparing said region with a previous position of said mobile access point to determine if said mobile access point has been moved to said region;

identifying a region based on said position;

automatically updating configuration information associated with an application of said mobile access point based on said region, wherein said configuration information enables

transmission of wireless communications from said wireless client device to said mobile access point within said region, and wherein said configuration information is different than a previous configuration associated with said previous position; and

routing data packets comprising said wireless communications to said distributed network.

22. (Currently amended) The computer-readable medium as recited in Claim 21 wherein said mobile access point comprises a router ~~configured to route a data packet from said wireless client device to a remote client device.~~

23. (Original) The computer-readable medium as recited in Claim 21 wherein said mobile access point communicates by a wireless connection to a distributed computer network in said region using Mobile Internet protocol (IP).

24. (Currently amended) The computer-readable medium as recited in Claim 21 wherein ~~said application operates at a physical layer of a protocol stack of said mobile access point~~ operates at an Open Systems Interconnection (OSI) network layer to route said data packets.

25. (Original) The computer-readable medium as recited in Claim 24 wherein said application is a radio providing communication over said wireless connection.

26. (Previously Presented) The computer-readable medium as recited in Claim 25 wherein said configuration information comprises a radio frequency, a maximum conducted power output, or a maximum antenna gain.

27. (Original) The computer-readable medium as recited in Claim 21 wherein said determining said position is performed periodically according to a predetermined time period.

28. (Previously Presented) The computer-readable medium as recited in Claim 21, said method further comprising transmitting said wireless communications from said mobile access point to said distributed computer network.

29. (Original) The computer-readable medium as recited in Claim 21 wherein said application operates at an application layer of a protocol stack of said mobile access point.

30. (Previously Presented) The computer-readable medium as recited in Claim 21 wherein said configuration information comprises transmission configuration data and a selected user interface language, wherein said transmission configuration data and said selected user interface language are individually configured for said region.

31. (Currently amended) A system for dynamic configuration of a mobile access point, said mobile access point operable to provide a point of connection for wireless communications between a distributed computer network and a wireless client device, said system comprising:
means for determining a position of said mobile access point;
means for identifying a region based on said position; and
means for automatically updating configuration information associated with an application of said mobile access point based on said region, wherein said configuration information includes a selected radio frequency for transmitting a wireless communication from said wireless client device to said mobile access point within said region; and
means for routing data packets comprising ~~transmitting~~ said wireless communication ~~between from said wireless client device mobile access point to~~ and said distributed computer network.

32. (Currently amended) The system as recited in Claim 31 wherein said mobile access point comprises a router ~~routing means configured to route a data packet from said wireless client device to a remote client device.~~

33. (Previously Presented) The system as recited in Claim 31 further comprising means for comparing said region with a previous position of said mobile access point to determine if said mobile access point has been moved to said region.

34. (Currently amended) The system as recited in Claim 31 wherein ~~said application operates at a physical layer of a protocol stack of said mobile access point~~ is configured to use an Open Systems Interconnection (OSI) network layer to route said data packets.

35. (Original) The system as recited in Claim 34 wherein said application is a transceiver providing communication over said wireless connection.

36. (Previously Presented) The system as recited in Claim 35 wherein said configuration information comprises a radio frequency, a maximum conducted power output, or a maximum antenna gain.

37. (Previously Presented) The system as recited in Claim 33 wherein said configuration information is different than a previous configuration associated with said previous position.

38. (Original) The system as recited in Claim 31 wherein said position determination system is a global positioning system (GPS) system.

39. (Original) The system as recited in Claim 31 wherein said application operates at an application layer of a protocol stack of said mobile access point.

40. (Previously Presented) The system as recited in Claim 31 wherein said configuration information comprises transmission configuration data and a selected user interface language, wherein said transmission configuration data and said selected user interface language are individually configured for said region.